

SEQ ID NO: 1

aa and nucleic acid sequence of p60 subunit of katanin (see Gen  
protein sequence of the *S. purpuratus* katanin p60 subunit (GENBANK AF052191

SEQ ID NO: 2

aa and nucleic acid sequence of p80 subunit of katanin  
full-length p80 cDNA (GENBANK accession #AF052433)

SEO ID NO: 3

XKCM1 Seq Info.

MERLVATRLV	TGLAVKIMRS	NGVIHNNIT	SVNDRSSVN	VEWKEGEANK	50
GKEISFADVI	SVNPELDDAV	LAZTNVKNEN	PPQRNVSSON	HKRKTISKPI	100
APKEVAQKNS	LLSESGAQSV	LRERSTRMTA	IHETLFYENE	MEAESETPLPI	150
QKNSVQASRS	STKVSIAEEP	RLQTRISEZY	EESLPSGRNN	QGRKSNIVK	200
ENEMKMKRE	EQRAQNYRR	MKRAQDYDTS	VPNWFGKMI	KEFRATMDCH	250
RISMAADPEA	HRICVQYXER	PLNKQELSKP	EIDDIISVSPK	NIVLVHEPKL	300
KVDLTKYLEN	QAFRDFPSFD	ETATNEWVYR	FTARPLVQSI	FEGGKATCFSA	350
YQQTGSGSKTH	TMGGDFSGBK	QNVSGVYAF	ASRDVFLLDL	PPRYKHLDD	400
VEVTFTEIVN	GKVPDLLNKS	TKLRVLDEAK	QEVOVGLLE	KQVTSADDFV	450
KMIEIGSACR	TSQGTFAETI	SSRSACLQI	ILRRGSKLHG	KFSLVDLAGN	500
ERGVDFTASD	RITRMKAAGI	NRSLLHAKEC	IRALGQKNKH	TFPREDKLTO	550
TLRDSFIGEN	STRMCIAMLS	PGFNSCYTLL	NTRLRYADRV	ELSPONAETN	600
DONLQMEDSG	GSHASIEGLQ	LQDFDLKLAE	ELSTHNSFQD	ALNRRVGELE	650
KAVDELRELV	QKEPEWTNLL	QHDQDPDYDL	ENFMVQAEYL	IQERSKVLIA	700
LGDSINSLRL	ALQVEEQASK	QSTKXKRSNK			730

[illegible]